

Product leaflet

Product

Powered air purifying particle filter respirator

Model No.

SR 700

Product Description

The SR 700 is a battery-powered fan that, together with particle filter SR 510 P3 R or SR 710 P3 R and an approved head top, is included in the Sundström fan-assisted respiratory protective device systems. The SR 700 can be used as an alternative to filter respirators in all situations in which these are recommended. This applies particularly to work that is hard, warm or of long duration.

The fan is equipped with filter, and the filtered air is fed through a hose to the human interface. The pressure then generated prevents surrounding pollutants from penetrating into the mask.

The characteristics of the SR 700 are as follows:

The battery is of lithium-ion type • Two battery alternatives, i.e. STD (Standard 2.25 Ah) and HD (Heavy Duty 3.5 Ah) • The charging time for the Standard battery is around 2 hours and for the Heavy Duty battery, about 3 hours • Battery capacity indicator • Equipped with two particle filters • Operating time of up to 8 hours • The same control is used for starting, stopping and selection of operating status • Display with symbols • Alarm with audible/visual signals if the air flow is obstructed • Equipped with automatic air flow control • Can be used together with hoods SR 520, SR 530, SR 561, SR 562, SR 601, SR 602, SR 604, face shield SR 570, welding shield/face shield SR 574/SR 570, half mask SR 900, full face mask SR 200, welding shield SR 592, helmet with visor SR 580 and welding shield/helmet with visor SR 584/SR 580.

Electronics ingress protection is approved in IP class IP67 according to IEC / EN 60529.

Technical specification

	SR 700	EN 12941:1998	EN12942:1998
Air flow, min/max	175 - 225 l/min	≥ 120 l/min	-
STD-battery/HD-Battery	14,4 V 2,25 Ah/3,5 Ah	-	-
Operating times at 175/225 l/min:			
P3, STD-battery	> 6 h/4 h	≥ 4 h	≥ 4 h
P3, HD-battery	8 h/5,5 h	≥ 4 h	≥ 4 h
Weight with STD-battery and P3 filter	≈ 1,100 g	≤ 3,500 g	≤ 3,500 g
Service temperature	-10 – +55 °C, < 90 % RH	-	-
Storage temperature	-20 – +40 °C, < 90 % RH	-	-
Low flow warning level	< 175 l/min	≤ 175 l/min	≤ 175 l/min
Assigned Protection Factor¹: SR 520, SR 530, SR 561, SR 562, SR 570, SR 574, SR 580, SR 584, SR 592, SR 601, SR 602, SR 604	40 (TH3)	-	-
Assigned Protection Factor¹ SR 200, SR 900	40 (TM3)	-	-
Nominal Protection Factor² SR 520, SR 530, SR 561, SR 562, SR 570, SR 574, SR 580, SR 584, SR 592, SR 601, SR 602, SR 604	500 (TH3)	-	-
Nominal Protection Factor² SR 200, SR 900	2000 (TM3)	-	-
Approvals	EN 12941:1998 + A2:2008 EN 12942:1998 + A2:2008	-	-

1) Specified in BS EN 529 and applies generally to all approved fan-assisted respiratory protective devices, regardless of the test results.

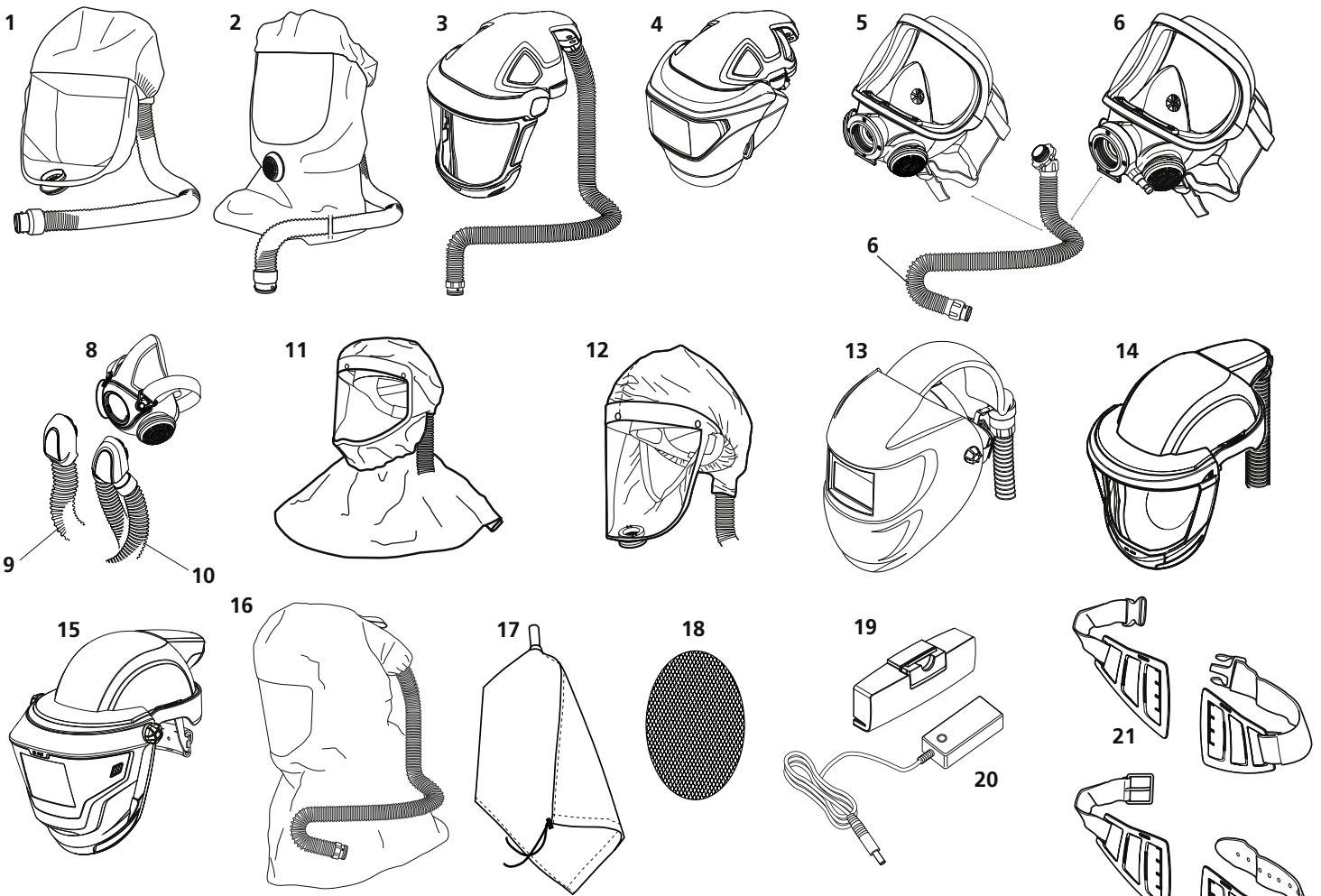
2) According to EN 529:2005.



Available from



Sundström



SR 700, head-tops, spare parts and accessories

Item

No. Part	Ordering No.
1. Hood SR 520 M/L	H06-0212
1. Hood SR 520 S/M	H06-0312
2. Hood SR 530	H06-0412
3. Face shield SR 570	H06-6512
4. Welding shield/Face shield SR 574/SR 570	H06-6110
5. Full face mask SR 200, PC visor	H01-1212
5. Full face mask SR 200, glass visor	H01-1312
6. Full face mask SR 200 Airline, PC visor	H03-1012
6. Full face mask SR 200 Airline, glass visor	H03-1212
7. PU hose SR 550 for SR 200	T01-1216
7. Rubber hose SR 551 for SR 200	T01-1218
8. SR 900 S	H01-3012
8. SR 900 M	H01-3112
8. SR 900 L	H01-3212
9. Hose SR 951	T01-3003
10. Twin hose SR 952	R01-3009
11. Hood SR 561	H06-5012
12. Hood SR 562	H06-5112
13. Welding shield SR 592	H06-4412
14. Helmet with visor SR 580	H06-0812
15. Welding shield/Helmet with visor SR 584/SR 580	H06-8310
16. Hood SR 601	H06-5412
16. Hood SR 602	H06-5512
16. Hood SR 604	H06-5912
17. Flow meter SR 356	R03-0346
18. Steel net disc SR 336	T01-2001
19. Battery SR 701, 2,25 Ah	R06-0708
19. Battery HD, SR 702, 3,5 Ah	T06-0701
20. Battery charger	R06-0433
21. Belt SR 508	R06-0101
21. Rubber belt SR 504	T06-0104
21. PVC belt	T06-0124
22. Leather belt SR 503	T06-0103
22. Leather belt SR 503, large	T06-0107
23. Fan SR 700, bare	R06-0710
24. Storage bag SR 505 w two compartments	T06-0102
25. Pre-filter SR 221	H02-0312
26. Pre-filter holder	R01-0605
27. Particle filter P3 R, SR 710	H02-1512
28. Gasket for fan	R06-0107
29. Harness	T06-0116
30. Filter adapter	R06-0701
31. Particle filter P3 R, SR 510	H02-1312

